

Brain **ICSEP** Micro Bubble Water Treatment System

IC-SEP Induced Cyclonic Separator.

As legislation gets more complex with new conditions on Consent to Discharge, it is more important than ever to separate contaminated effluent in an efficient manner.

The ICSEP System uses water aerated with micro bubbles therefore reducing the need for expensive chemicals, making the process more environmental friendly. The end process is clean enough for foul sewer or surface discharge in many cases negating the need for additional treatment.



Advantages over other equipment

- Separation of contaminants, up to 95% reduction in BOD, COD and suspended solids, helping to reach WAC criteria.
- Reduction in waste disposal cost as a more compact sludge / recovered product.
- Separation of emulsified oils, greases, paints and latex emulsions.
- Recovery of solids (industrial), municipal waste and water treatment.
- Oil contaminated solids. Industrial waste water, oils, greases from refineries, steelworks metal works and other similar industries.

Applications

- Industrial Effluent Treatment
- Treatment of marine slops, bilge waters, ballast water and marine diesel / oil.
- Treatment of food waste, cheese whey etc.
- Recovery of fibres & pulp from paper mills.
- Treatment of ground water systems.

Superior design.

- Portable
- Cost effective effluent treatment.
- Produces clean water and product.
- Removes potentially hazardous vapor's.
- Reduces the risk of high pollution penalties.

Specifications.

Process Capacity: 8m³ – 250m³ hr
Height : 2.2m
Width : 2m – 6m
Length : 3.5m – 10m
Weight : 800kg – 4000 kg
Material : Stainless Steel 316